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structure of the peptide, oligopeptide, or protein inhibitor <sup>TECH CENTER 1600/2900</sup>  
 is such that one or more arginine groups are available to the  
 nitric oxide synthase.

Please cancel claim 2.

3. (Amended)

*a<sup>2</sup> sub B<sup>2</sup>*  
 The method of claim 1, wherein the [inhibitor] peptide, oligopeptide, or protein is [~~the~~ methyl-L-arginine] selected from the group consisting of L-Arginine, Poly-Arginine, BK, Des-Arg1-BK, Des-Arg9-BK, BK fragment 1-7, BK fragment 2-7, [Lys1]-BK, Lys-BK, Ile-Ser-BK, and Met-Lys-BK.

*protein ✓*  
*no act,*  
*no act,*  
*new*

✓ ✓ ✓  
 Please cancel claims 4, 7 and 8.

10. (Amended)

*a<sup>3</sup> sub B<sup>3</sup>*  
 A method of <sup>with</sup> ~~preventing~~ or treating a nitric oxide-mediated disease or condition in a mammalian subject comprising administering to the subject in need of such prevention or treatment [a therapeutically effective amount] from about 20-500 µg/kg of a peptide, oligopeptide, or protein [inhibitor of] that acts as a substrate for or an inhibitor of nitric oxide synthase.

Please cancel claim 12.

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13. (Amended)

sub  
B<sup>4</sup>  
a<sup>4</sup>

The method of claim 10, wherein the [inhibitor] peptide, oligopeptide, or protein is [N<sup>ω</sup>-methyl-L-arginine] selected from the group consisting of L-Arginine, Poly-Arginine, BK, Des-Arg1-BK, Des-Arg9-BK, BK fragment 1-7, BK fragment 2-7, [Lys1]-BK, Lys-BK, Ile-Ser-BK, and Met-Lys-BK.

Please cancel claim 14.

16. (New)

a<sup>5</sup>

sub  
B<sup>5</sup>

A method of regulating or controlling nitric oxide production in a mammalian subject comprising administering to the mammal from about 20-500 µg/kg of a peptide, oligopeptide, or protein that acts as a substrate for a nitric oxide synthase, whereby the tertiary structure of the peptide, oligopeptide, or protein inhibitor is such that one or more arginine groups are available to the nitric oxide synthase, said peptide, oligopeptide or protein being selected from the group consisting of L-Arginine, Poly-Arginine, BK, Des-Arg1-BK, Des-Arg9-BK, BK fragment 1-7, BK fragment 2-7, [Lys1]-BK, Lys-BK, Ile-Ser-BK, and Met-Lys-BK.

REMARKS

I. Claim Rejections - 35 U.S.C. 112, First Paragraph

Claims 1-15 were rejected under 35 U.S.C. § 112, first paragraph, as being based on a disclosure that is not